



Farr IRC 42 – Convictus Maximus

Make:	Farr	Boat Name:	Convictus Maximus
Model:	IRC 42	Hull Material:	Fiberglass
Year:	2006	Designer:	Farr Yacht Design
Length:	42 ft	Builder:	James Betts
Beam:	12 ft 11 in	Engine Make:	Volvo-Penta
Draft:	8 ft 6 in	Engine Model:	D2-40
Location:	Annapolis, MD, United States	Price:	\$ 245,000



Convictus Maximus

2006 Farr IRC 42'

Convictus Maximus is a custom-built Farr 42, commissioned to be a strong contender for handicap wins in both round-the-buoys and long-distance events, as well as a comfortable and stable vessel for offshore use and moderate cruising. Designed by Farr Yacht Designs (design #588m) and hand-built by Jim Betts of James Betts Enterprises in Anacortes, WA. She has been constantly cared for, maintained and upgraded.

Recent major improvements include:

- New exterior paint Awlgrip deck & topsides - 2010
- Durapox bottom - 2012
- New navigational and race electronics - 2012
- New carbon-fiber bowsprit (NEB)
- Top-mast running backstays (Hall)
- Increased Mainsail area with a Square-top mainsail - 2012
- Increased downwind sail area - 2012

Convictus Maximus spent her initial years in fresh water, racing in Chicago and has always been dry-sailed. She is a highly-capable and outstanding yacht and a great Offshore racer.

Measurements

Cruising Speed:	7.5 kn	Ballast:	7286
Cruising Speed RPM:	2500		lb
Max Speed:	8.25 kn	Displacement:	15684
Max Speed RPM:	3600		lb
LOA:	42 ft	Fuel Tanks #:	1
LWL:	37 ft 1 in	Fuel Tanks Capacity:	20 gal
Length on Deck:	41 ft 10 in	Fresh Water Tanks Capacity:	20 gal
		Holding Tank Capacity:	20 gal
Beam:	12 ft 11 in	Number of single berths:	4
		Number of double berths:	3
Max Bridge Clearance:	65 ft 6 in	Number of Cabins:	3
Max Draft:	8 ft 6 in	Number of Heads:	1
Cabin Headroom:	6 ft 4 in		
Freeboard:	4 ft 6 in		

Propulsion

Engine #1

Engine Make:	Volvo-Penta	Engine Year:	2006
Engine Model:	D2-40	Hours:	unknown
Primary Engines:	Inboard	Power:	38 hp
Drive Type:	Sail Drive	Propeller Type:	2 Blade

Hull and Deck Construction:

Built to meet or exceed the rigorous requirements of the 'ABS Guide for Building & Classing Offshore Racing Yachts'. The hull and deck are constructed with an epoxy-resin system; Corecell structural foam sandwiched between uni-directional and quad-axial reinforcements. All internal bulkheads and furniture are fitted and bonded to the hull. The structural grid is also bonded to the hull while still in the mold. The deck is cored with Corecell and strengthened with uni-directional and Quad-axial reinforcements. The toe rails are molded into the foredeck as are the helmsman's chocks to the cockpit floor. Stanchions, pushpits & pulpit are powder-coated (black) stainless steel with stainless steel wire lifelines. The hull and deck are finished with high-gloss Awlgrip and clear coated. Key adjustment markings are stenciled into the finish. Deck, cockpit floor and coachroof are non-skid.

Interior Layout

A well-proven functional interior layout with central saloon berths, aft quarter births and dual-function V-berth/spinnaker locker. Galley to starboard and nav station to port. Head forward of main cabin. Ample storage in hanging lockers and under berths.

- Two complete sets of cushions (2006 & 2010)
- Leecloths (Blue Performance) throughout
- Articulating pipe-berths (2) in main cabin
- Force-10 dual-burner propane stove & oven (tank locker aft in lazarette)
- Stainless steel sink with raw & fresh water
- 2 - 10gal Vetus bladders
- Insulated locker-type refrigerator

Electronics and Navigation Equipment:

An exhaustive array of electronics and displays for accurate strategic & performance analysis during racing, plus intuitive navigation, communication & safety. Most systems extensively upgraded in 2012.

On Deck:

- 4x B&G 20/20 mast displays in carbon-fiber housing
- 2x B&G FFD bulkhead displays
- 1x B&G H3000 GFD graphical-function bulkhead display (2012)
- B&G wireless remote tablet
- B&G autopilot with H2000 control head, ACP1 processor & H2000 compass (2012)
- B&G ZG50 GPS antenna (2012)
- Garmin GA30 GPS antenna (2012)
- Navico WM-2 Sirius satellite weather & radio receiver (2012)
- Beam ISD710 powered (active) sat-phone antenna (2012)
- 2x remote MOB button (at each helm) (2012)

At the Nav Station:

- B&G Zeus Z12-MFD multi-function display (2012)
- B&G FFD full-function display
- Lenovo Thinkpad TP-X60 tablet PC with Expedition nav & race software (2010)
- Garmin AIS600 transponder (2012)
- Garmin VHF300 VHF radio with 2x GHS-10 handsets (2012)
- Beam IsatDock MARINE sat-phone dock (2012)
- Alpine iDA-X100 digital media receiver; 4x Infinity 602m marine speakers (2008)

Electrical System:

- Blue Sea Systems ACDC distribution panel
- Hella interior foot lighting (red)
- Lopolight LED navigation lights (port, strbrd, aft)
- Masthead tricolor
- Mangum MS inverter/charger with ME-RC remote control
- 2 Mastervolt AGM batteries (2012)
- Xantrex LinkPro battery monitor (2012)

Spars and Rigging:

- Hall carbon fiber mast: 225C carbon section with taper, 2 sets of 20-deg swept carbon spreaders

- 2:1 main halyard
- 2x spinnaker halyards (over/under)
- 2x jib halyards (over/under)
- Antal track for bolt rope or sliders
- Continuous German-style mainsheet
- Nitronic-50 standing rigging
- Harken carbo luff foil
- Navtec hydraulics for mast jack & backstay cylinder (when fitted)
- Hall split Top-mast running backstays
- Hall carbon boom: 237C carbon section
- 16:1 outhaul
- 2x reefing lines
- Quikvang
- Hall carbon spinnaker pole: 3.5" ID, standard modulus pre-preg, Kevlar wrapped tapered ends, Quick-trip/Quick-connect end fittings
- NEB carbon fiber bowsprit (2012): 2 tack lines (removable)
- Hall carbon reaching strut (2010): 48", coachroof side Quick-connect

Winch Package:

(6) Harken winches

2 - 2-speed Quatro self-tail (Cabin Top)

2 – 44 2-speed self-tailing mainsheet

2 - 3-speed Wide-Drum w/cleat (Primary)

2- 46.2 self-tailing 2-speed for running backstays (2012)

4 – 10" & 2 – 8" Speed grip handles

Sail Inventory:

A comprehensive inventory of 30 sails for offshore & inshore racing (sprit or pole), practice and deliveries.

Mainsails:

2012 Evolution square-top race main

2011	Evolution	dacron crosscut delivery main
2010	Evolution	conventional race main
2007	North	3DL race main

Upwind-jibs:

2010	Evolution	code-1
2012	Evolution	code-2
2010	Evolution	code-2
2012	Evolution	code-4
2007	North	code-2 'medium' 3DL
2006	North	code-3 'heavy' 3DL
2006	North	code-2 'medium' 3DL
2006	North	code-4 3DL

Specialty sails:

2012	Evolution	Frac-0 with Harken 3126 furling system, sprit-tack
2010	Evolution	Code-0 CZ laminate, bow-tack
2006	North	Code-0 1.5oz, bow-tack
2006	North	staysail
2006	North	storm trysail
2006	North	storm jib

Downwind sails:

2012	Evolution	A1 sprit
2012	Evolution	A2 sprit
2010	Evolution	A4 pole
2006	North	A1 VMG 0.5oz

2006	North	S2 symmetrical runner
2007	North	A2 runner 0.5oz
2007	North	A3 reacher 1.5oz
2007	North	A4 runner 0.75oz
2006	UK	S1 VMG 0.5oz
2006	UK	S2 runner 0.5oz
2006	UK	S2L runner 0.5oz
2006	UK	A2 runner 0.5oz

Additional Equipment:

- Twin-Wheels - McConaghy prepreg carbon fiber 'Bullet Head' pedestals
- Spinlock clutches & stoppers throughout (2010)
- Harken blocks throughout
- Deck cover (2010)
- Dodger (2012)
- All boat-specific spare parts
- manuals
- equipment covers
- PHRF, IRC and ORR Certificates available

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Photos











